City of Albuquerque
Information Technology Services Division
Data Management

Data.cabq.gov Core Metadata Requirements

Contact Information

Who is the contact for this dataset? The contact will be the City employee who is accountable for the data provided in this dataset and can act as front-line support in the event of any questions about the data.

Name	Michelle Gricius
Department/Division	Planning/AGIS
Phone	924-3816
Email	mgricius@cabq.gov

What Does this Dataset Describe?

What is the name of this dataset? How should a user identify this dataset in any communication with contact above? Provide a shorter description of the Dataset that can act as a one-line summary of the dataset when dealing with stakeholders. Provide a longer description of the data that can be readily understood by non-technical users.

Dataset Title	Address Points
Short Description	Address Points
Full Non–Technical Description	
Address Points within Bernalillo County, including the City of Albuquerque, Village of Los Ranchos, Village of Tijeras, and Unincorporated Areas of Bernalillo County	

How Should this Dataset be Cited?

How should external sources refer to this dataset in publications or documentation? Often this will simply be the URL and the date retrieved.

http://data.cabq.gov/government/addresspoints/addresspointsJSON_ALL

http://data.cabq.gov/government/addresspoints/addresspointsJSON_xxxx
where xxxx is the selection criteria.

http://data.cabq.gov/government/addresspoints/addresspointsREST

Does the Dataset Reflect a Particular Time Period?

Provide any date restrictions that may affect the validity of the data. The table fields are defined as follows:

Start Date	Current
End Date	Current
Dataset Refresh Interval	JSON: Continuous
Dataset Expiration Date	Never
Dataset Review Date	As Needed
Comments	

Dataset Definition/Format

Provide a field-by-field breakdown and definition of each record. This section acts as the formal data dictionary for an individual record.

Field Name	Format	Description
addresspointssJSON_xxxx		
OBJECTID	Text	The object id for this address point
LOT	Text	The lot number for the address point
BLOCK	Text	The block number for this address point
SUBDIVISION	Text	The name of the subdivision this address point is located in
STREETNUMBER	Integer	The street number for this address point
STREETNAME	Text	The street name of this address point
STREETDESIGNATION	Text	The street designation of this address point

		Coded Values: [AV: AV], [BLVD: BLVD], [CIR: CIR], ...13 more...)
STREETQUADRANT	Text	The street quadrant for this address point Coded Values: [NE: NE], [NW: NW], [SE: SE], ...3 more
APARTMENT	Text	The apartment designation for this address point
PIN	Text	Parcel Identification Number
PINSUFFIX	Text	PIN Suffix used for Multiple Address Points within City of Albuquerque Municipal Limits
PIN_CONCAT	Text	PIN and PINSUFFIX concatenated
GeoAddress	Text	Full street address for this address point

REST Format

Please refer to REST API for information on how to use the REST API.

The **addresspointsREST** file takes you to the ArcGIS REST Services Directory for the Public Art layer. Here you find the REST Metadata for the Public Art layer. You can click on the JSON link at the top of the page to see the same info in JSON format.

There are three supported options at the bottom of the page. Query Generate Renderer Return Updates. You can click on each of the links to navigate to corresponding page in the ArcGIS REST Services Directory for the **Address Points** layer.

To generate JSON data based on selected attributes or spatial inputs, see the REST Query page.

- Note that it is also possible to generate KMZ and HTML output from this page (Format selection)

- To return all records use "1=1" for the "Where" field.

- To return all fields use "*" for "Out Fields". For selected fields enter the name of the fields separated by commas.

ArcGIS JSON Format

Please refer to http://www.json.org/ for general information on the JSON file format.

The specific attributes described below are unique to the **addresspointsJSON** files. Each **addresspointsJSON** in the directory listing will take you to the query results described in the file name.

For Example:

　* **addresspointsJSON_All** returns all of the data for all of the address points in the address points layer.

The file name is: **addresspointsJSON _xxxx** where xxx a description of the data in the file.

To create customer queries, modify the "where statement" to match your specific needs.

In the below example, the html will return all address points where STREETNAME is equal to 'CENTRAL' and STREETQUADRANT is equal to 'NE'.

http://coagisweb.cabq.gov/arcgis/rest/services/public/cadastral/MapServer/6/query?where=STREE TNAME+%3D+%27CENTRAL%27+AND+STREETQUADRANT+%3D+%27NE%27&text=& objectIds=&time=&geometry=&geometryType=esriGeometryEnvelope&inSR=&spatialRel=esriS patialRelIntersects&relationParam=&outFields=*&returnGeometry=true&maxAllowableOffset=& geometryPrecision=&outSR=&returnIdsOnly=false&returnCountOnly=false&orderByFields=&gr oupByFieldsForStatistics=&outStatistics=&returnZ=false&returnM=false&gdbVersion=&returnDi stinctValues=false&f=pjson

Dataset Technical Description

Provide a technical description of the dataset. This should be a complete technical description aimed at developers and expert users who need to understand the scope, strengths and limitations of the dataset.

Projection: NAD_1983_HARN_StatePlane_New_Mexico_Central_FIPS_3002_Feet

Changing Projection

Please note that the default projection for data accessed through the REST endpoint is Web Mercator. This is to assist integration with services such as Google and Bing. Developers can change projection by modifying the outSR parameter in the URL like this:

http://coagisweb.cabq.gov/arcgis/rest/services/public/cadastral/MapServer/6/query?w here=1%3D1&text=&objectIds=&time=&geometry=&geometryType=esriGeometryEnve lope&inSR=&spatialRel=esriSpatialRelIntersects&relationParam=&outFields=*&returnG eometry=true&maxAllowableOffset=&geometryPrecision=&outSR=4326&returnIdsOnl y=false&returnCountOnly=false&orderByFields=&groupByFieldsForStatistics=&outStatis tics=&returnZ=false&returnM=false&gdbVersion=&returnDistinctValues=false&f=pjson

http://coagisweb.cabq.gov/arcgis/rest/services/public/cadastral/MapServer/6/query?w here=1%3D1&text=&objectIds=&time=&geometry=&geometryType=esriGeometryEnve lope&inSR=&spatialRel=esriSpatialRelIntersects&relationParam=&outFields=*&returnG

[eometry=true&maxAllowableOffset=&geometryPrecision=&outSR=&returnIdsOnly=false&returnCountOnly=false&orderByFields=&groupByFieldsForStatistics=&outStatistics=&returnZ=false&returnM=false&gdbVersion=&returnDistinctValues=false&f=pjson](#)

The value of &outSR is the Well Known ID (wkid) of the projection required. One popular wkid for latitude and longitude is WGS_1984 – this has a wkid of 4326. A full list of supported projections, coordinates and wkid's can be found at https://developers.arcgis.com/en/javascript/jsapi/spatialreference.html

AddresspointsJSON _xxx:

This returns the result of the query directly from the REST service.

Please refer to http://www.json.org/ for information on the JSON file format.

AddresspointsREST:

This file navigates you to the ArcGIS REST Services Directory for the Public Art layer.

Please refer to [REST API](#) for information on how to use the REST API.

Dataset Assumptions

What technical and business assumptions are implied in the creation of this dataset? Examples could include the way in which a salary figure was calculated or data that was omitted for a specific reason.

Official assigned address information is used for this layer. Assigned addresses are provided to AGIS Division, Planning Department by the City Address Verification Clerk or Bernalillo County Planning and Development Services. These are considered site addresses and they may differ from those listed by the Bernalillo County Assessor Office.

Who Produced the Dataset?

Which department in the City produced this dataset? Note that this might not always be the data owner. An example of this could be a dataset that ITSD produced on behalf of EHD who owned the data.

GIS Team
Information Technology Services Division
Email: gis@cabq.gov

Who Manages the Data?

Where did this data originate? Who owns the data used in this dataset? Note that this might not always be the dataset producer.   An example of this could be a dataset that ITSD produced on behalf of EHD who owned the data.

The AGIS division of the Planning Department creates and maintains this dataset.

Why was the Dataset Created?

All datasets should have an explicit reason for existence and should, somehow, have value to someone. What is the perceived value that this dataset will bring?

To provide a complete list of address points including multiple address points (where there is not a one-to-one relationship within the AGIS basemap parcel layer).

How was the Dataset Created?

How was this dataset produced? Was it a manual process? An automated process? What were the main IT systems involved in producing this dataset?

This dataset is produced by creating points of all parcels from the AGIS base map layer that have an assigned address and combining them with the multiple address point layer. This process is completed using a geoprocessing model within ArcGIS software. This process is semi-automated in that the geoprocessing model needs to be started manually, but the model completes all the steps in the process automatically once the geoprocessing model is started. The geoprocessing model is currently run once a week and contains any address updates that have occurred at that time.

What Similar or Related Data Should the User be Aware of?

Are there any other datasets available that may contain related or similar information? Might there be situations in which these other datasets might be a better alternative?

Please see the metadata file in each of the dataset folders for information on how to use the information.

Neighborhoods
http://data.cabq.gov/community/neighborhoods/NeighborhoodAssociations.kmz

Open Space
http://data.cabq.gov/community/openspace/CityOpenSpace.kmz
http://data.cabq.gov/community/openspace/OpenSpaceFoothillsTrails.kmz

Parks

http://data.cabq.gov/community/parksandrec/parks/CityParks.kmz

Police Beats
http://data.cabq.gov/publicsafety/policebeats/APD_BCSO_Beats.kmz

Transit Scheduled Route
http://data.cabq.gov/transit/realtime/route/allroutes.kml

http://data.cabq.gov/transit/realtime/route/routeX.kml
Where X is the route number between 1 and 9.

http://data.cabq.gov/transit/realtime/route/routeXX.kml
Where XX is the route number between 10 and 99

http://data.cabq.gov/transit/realtime/route/routeXXX.kml
Where XXX is the route number between 100 and 999.

http://data.cabq.gov/transit/realtime/route/routeXXXX.kml
Where XXXX is the route number between 1000 and 9999.

Bus Location and Direction
http://data.cabq.gov/transit/realtime/
Where you have folders for: image, route, trace.

Building Permits
http://data.cabq.gov/business/buildingpermits/BuildingPermit.kmz

FEMA Exemptions Certificates
 http://data.cabq.gov/FEMA/FEMA_exemptions_CABQ.kmz

How Reliable are the Data?

Are there any concerns about overall data reliability? Are there any data problems that the user needs to be aware of? Are there any constraints with data accuracy? What levels of confidence with this dataset could the user reasonably assume?

Best available, but there are addresses that may be out of date or incorrect. Corrections for addresses within the City of Albuquerque can be requested via the City Address Verification Clerk. Corrections for addresses outside the City of Albuquerque Municipal Limits need to be directed to Bernalillo County Planning and Development Services. Both City and County Planning address verification staff will direct appropriate corrections to AGIS Division, Planning Department and the GIS data will be updated in a timely manner. The "APARTMENT" field is not consistently updated and does not include unit numbers for large

apartment complexes. Apartment Unit numbers are not assigned by the Planning Department.

How Well Have the Observations Been Checked?

What quality assurance steps have been performed? Sometimes, a third-party verification/audit process may also be required. If so, provide the name of the third-party who performed the verification.

Addresses are constantly checked internally and externally and change requests are considered and acted on when appropriate.

Are there Legal Restrictions on the Access or Use of the Data?

Are there any specific legal or compliance restrictions for this data? How might this affect the way in which end users might access and use this data?

None

Legal Disclaimer

The City's standard copyright, disclaimers and legal statements may be found at http://www.cabq.gov/about/legal. The City data policy governing data.cabq.gov may be found at http://data.cabq.gov/policy/.